

Purchase Order Receipt Listing

Wednesday, March 29, 2017 10:46:30 AM

All Vendors PO ID PO35744 All Receipt Dates All Line Item Types
All Item ID/GL/WOS All Rec. Employees All Currencies
Grouped by Vendor ID

All amounts are calculated in domestic currency.

Page 1 of 2

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID	Vendor Name	VC-COP001	Thyssenkrupp Materials CA Ltd								
PO35744	2	M304R0.375 304 ROUND BAR 0.375	373	3/31/2017 24.0000 PLOU01	3/29/2017 24.0000		\$1.77 \$42.47	0.0000 0.0000	0 0	\$42.47	
CAD	No	304 round bar 1.00 m137175	999	3/31/2017 12.0000 PLOU01	3/29/2017 12.0000		\$6.21 \$74.55	0.0000 0.0000	0 0	\$74.55	
3	No	M304R1.000 304 round bar 1.00 m137175	f 749	3/31/2017 24.0000 PLOU01	3/29/2017 24.0000		\$3.98 \$95.57	0.0000 0.0000	0 0	\$95.57	
4	No	M304RO.750 304 SS Roundbar .750 f m137175	sf 749	3/31/2017 24.0000 PLOU01	3/29/2017 40.0000		\$4.05 \$161.90	0.0000 0.0000	0 0	\$161.90	
5	DAS 48 9-89	M304S16GA 304/316 Sheet .063 sf m137175	sf 356	3/31/2017 40.0000 PLOU01	3/29/2017 3/29/2017		\$4.05 \$7.49	0.0000 0.0000	0 0	\$89.91	
6	No	M6061T6B0.750X06. f 000 6061-T6 Bar .750 x 6.00 m137175	505X6,730	3/31/2017 12.0000 PLOU01	3/29/2017 12.0000		\$7.49 \$89.91	0.0000 0.0000	0 0	\$89.91	
7	No	M6061T6B0.750X02. f 000 6061-T6 Bar .750 x 2.00 m137175	000	3/31/2017 12.0000 PLOU01	3/29/2017 12.0000		\$4.83 \$57.98	0.0000 0.0000	0 0	\$57.98	
8	No	M6061T6B0.750X00 f .125 6061-T6 Bar .750 x .125 m137175	000	3/31/2017 20.0000 PLOU01	3/29/2017 20.0000		\$2.07 \$41.42	0.0000 0.0000	0 0	\$41.42	

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO35744	9		M6061T6B1.000X02. f 000 6061-T6 Bar 1.00 x f 1.000 1.000	3/31/2017 3/29/2017	12.0000		\$5.65	0.0000	0		\$67.77
CAD	No		2.00 m137175	12.0000 PLOU01			\$67.77	0.0000	0		
10			M6061T6B2.000X01. f 1.000 1.000	3/31/2017 3/29/2017	24.0000		\$5.53	0.0000	0		\$132.83
			250 6061-T6 Bar 2.00 x f 1.25	24.0000 PLOU01			\$132.83	0.0000	0		
11			M6061T6B4.500X4.5 f 1.500 1.500	3/31/2017 3/29/2017	4.0000		\$57.04	0.0000	0		\$228.16
			00 6061-T6 f Aluminum Bar 4.500" X 4.500"	4.0000 PLOU01			\$228.16	0.0000	0		
12			DASS 488 9-8888	3/31/2017 3/29/2017	32.0000		\$2.24	0.0000	0		\$71.54
			m137175 M5052H325.063 sf 5052-H32 063 Sheet sf	32.0000 PLOU01			\$71.54	0.0000	0		
13			DAS 48 9-89	3/31/2017 3/29/2017	96.0000		\$2.55	0.0000	0		\$244.56
			m137175 M6061T68.063 sf 6061-T6 063 Sheet sf	96.0000 PLOU01			\$244.56	0.0000	0		
15			71401-45 PROCUREMENT QUALITY CLAUSES m137175	3/31/2017 3/29/2017	1.0000		\$0.00	0.0000	0		\$0.00
				1.0000 PLOU01			\$0.00	0.0000	0		

Total Received Quantity:
Total Qty to Inspect (PO U/M):
Total Reject Quantity:
Total Receipt Value:
Total Balance Due Quantity:

313.0000
 0.0000
 0.0000
 \$1,308.65
 0.0000

B I L L O F L A D I N G

No: PEC 37688

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 29Mar17 at 11:06 From PFW
 Probill
 Via VIM TRANSFER
 FOB CONCORD
 Frt PREPAID
 Route 0-0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC- 32720- 1 Your PO # 35744
 STAINLESS STEEL ROUND BAR 304L
 .375" DIA X 144.0000"

Heat Number 313E Tag No 633306

Quantity 24 FT

PCS 2

MTR Wt LBS 9

2) Our Order PEC- 32720- 2 Your PO # 35744
 STAINLESS STEEL ROUND BAR 304L
 1.00" DIA X 144.0000"

Heat Number 257E Tag No 633308

Quantity 12 FT

PCS 1

MTR Wt LBS 33

3) Our Order PEC- 32720- 3 Your PO # 35744
 STAINLESS STEEL ROUND BAR 304L
 .750" DIA X 144.0000"

Heat Number 249M Tag No 633310

Quantity 24 FT

PCS 2

MTR Wt LBS 36

4) Our Order PEC- 32720- 4 Your PO # 35744
 STAINLESS STEEL SHEET 304L-2B DUAL GRADE
 .0600 Nom X 48.0000" X 120.0000"

Heat Number Y7V5 Tag No 633290

Quantity 40.00 SFT

PCS 1

MTR Wt LBS 96

5) Our Order PEC- 32720- 5 Your PO # 35744
 ALUMINUM FLAT BAR 6061-T6511
 .50" X 6.00" X 144.0000"

Heat Number 201622503 Tag No 633311

Quantity 12 FT

PCS 1

MTR Wt LBS 43

Page: 1Continued

ALUMINUM • LAITON • CUIVRE • PLASTIC • METAL BOX
 ALUMINUM • BRASS • COPPER • PLASTIC • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
 TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

B I L L O F L A D I N G

No: PEC 37688

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 29Mar17 at 11:06 From PFW
 Probill
 Via VIM TRANSFER
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhicle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC- 32720- 6 Your PO # 35744
 ALUMINUM FLAT BAR 6061-T6511
 .750" x 2.00" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
9-89 201702279	633312	12 FT	1	22

MTR

7) Our Order PEC- 32720- 7 Your PO # 35744
 ALUMINUM FLAT BAR 6061-T6511
 .125" x .750" X 240.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
9-89 429847-4	633313	20 FT	1	3

MTR

8) Our Order PEC- 32720- 8 Your PO # 35744
 ALUMINUM FLAT BAR 6061-T6511
 1.00" x 2.00" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
9-89 201702147	633314	12 FT	1	28

MTR

9) Our Order PEC- 32720- 9 Your PO # 35744
 ALUMINUM FLAT BAR 6061-T6511
 1.250" x 2.00" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
9-89 201701206	633315	24 FT	2	71

MTR

10) Our Order PEC- 32720- 10 Your PO # 35744
 ALUMINUM SQUARE BAR 6061-T6511
 4.50" X 48.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
9-89 201616843	633330	4 FT	1	96

MTR

11) Our Order PEC- 32720- 11 Your PO # 35744
 ALUMINUM SHEET 5052-H32
 .0640 Nom X 48.0000" X 96.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
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Page: 2Continued

MTR

ALUMINUM • LAITON • CUIVRE • PLASTIQUE • ACIER • FOX
 ALUMINUM • BRASS • COPPER • PLASTIC • STEEL

8/17/03-29

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G
Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)
DART AEROSPACE

No: PEC 37688
Ship Date 29Mar17 at 11:06 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0-0 Manifest
Vhicle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G

5160910177

633291

32.00 SFT

1

29

12) Our Order PEC- 32720- 12 Your PO # 35744
ALUMINUM SHEET 6061 T6
.0640 Nom X 48.0000" X 144.0000"
Heat Number Tag No
G2L6720 633292

Quantity
96.00 SFT

PCS
2

MTI

Wt LBS
84

TOTAL: Tags 12 PCS 16 LBS 550

Heat Number
201616843
201622503
201701206
201702147
201702279
249M
257E
313E
429847-4
5160910177
G2L6720
Y7V5

*** Chemical Analysis ***

SP7-029

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 1 SKID, 3 BDLS GW. 733 LBS

Page: 3Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANTISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 37688

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 29Mar17 at 11:06 From PFW
 Probill
 Via VIM TRANSFER
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 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

B I L L O F L A D I N G

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 4 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
 ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 304L
.375" DIA X 144.000" PART NO.



North American Stainless Canada Inc.

METALLURGICAL TEST REPORT

PO/Rel 35744
We certify that this is a true copy of the report
furnished by the producer of the metal or data
resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

BL PEC-037683-001

29Mar17
Pg 1/1

6870 Highway 42 East
Ghent, KY 4045-9615
(502) 347-6000

Certificate: 276490 3 Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Your Order:

PEC280739

NAS Order: PN 0076825 01

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
DMS-30400/30403 EN 10204 3.1, ASTM A484/15
ASTM A276/16, ASTM A182/13 CHEM ONLY,
ASME SA179/13, ASME SA182/10 CHEM ONLY
AMS 5639H, AMS 5647J, AMS QQS-763D, QQS-763F, ASTM F899/11
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8
ASTM A193/10A-ASME SA193/10 CL 1 GR B8

REMARKS:

COMPLIES W/REQUIREMENTS OF DTAR 252.225-7009 EU DIRECTIVE
2011/65/EU. ROHS, EAF+ROD+CC, NO WELD REPAIR, MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Corrosion: ASTM A262-10 P1ac A/B OK

Date: 3/23/2017
Steel: 304/304L
Finish: CD

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BR5778 8	3750	887	144.00	22	1			

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323

Chemical Analysis per ASTM A751/14a

CHEMICAL ANALYSIS

CM(Country of Melt)

ES(Spain)

US(United States)

ZA(South Africa)

JP(Japan)

NA(China)

IN(India)

DE(Germany)

CA(Canada)

MX(Mexico)

GB(UK)

ES(Egypt)

GR(Greece)

PT(Portugal)

ES(Egypt)

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 304L

7/50" DIA X 144.0000"

PART NO.



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K 2Z3

Canada

METALLURGICAL TEST REPORT

PO/Ref 35744
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL-PEC-037688-003

29Mar17
Pg 1/1

6870 Highway 42 East
Glen, KY 41045-9615
(502) 347-6000

Certificate: 256128 12 Mail to:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Corrosion: ASTM A262-10 Prac A/E OK

Date: 17/12/2017 Page: 1

Steel: 304/304L

Finish: CP

Your Order: PEC279830
NAS Order: PN 0075443 03

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30400/3003 EN 10204 3.1, ASTM A484/15
ASTM A276/15, ASTM A479/15, ASTM A182/13 CHEM ONLY,
ASME SA779/13, ASME SA182/10 CHEM ONLY
AMS 5639H, AMS 5647J, AMS QQS-763D, QQS-763F, ASTM F899/11
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8
ASTM A193/10A-ASME SA193/10 CL 1 GR B8

REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7009 EU DIRECTIVE
2011/65/EU, ROHS, EAF+KOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BT4339 6		.7500	1.231	144.00	2	1		

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2123

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/14a

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
249M	9-89	0.0220	-1.765	18.0555	.4385	1.3535	.3305	.0753	8.5315	.0280

S %	SI %
.0280	.2420

MECHANICAL PROPERTIES

Product Id	1.4 C C R	0.1 i R No.	.2YS KSI	UTS KSI	RA %	Elng % 4D
BT4339 6	R L	191.0	70.71	96.74	71.25	41.02

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy
of the test methods used, the material meets the specifications stated. These results relate only to the items
tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.50" X 6.00" X 144.0000'
PART NO.

ALUMINUM FLAT BAR 6061-T6511
.50" X 6.00" X 144.0000'
PART NO.

ALUMINUM FLAT BAR 6061-T6511
.50" X 6.00" X 144.0000'
PART NO.



Service Center Metals

5850 Quality Way
Prince George, VA 23875

Can Do.

BILL TO
ThyssenKrupp Materials NA-Concord, ON
SHIP TO
ThyssenKrupp Materials NA-Concord, ON
Quantity Certified
1,524 lbs 36 pcs

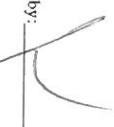
MANIFEST NUMBER
319809
CUSTOMER PO
PEC-280079
CUSTOMER PART NUMBER
PL0102

DATE NUMBER
PL0102
ALLOY TEMPER
6061-T6511
DESCRIPTION
PL .500x6.000

DATE OF SHIPMENT
1/17/2017
SALESPERSON
D.Schroeder (Canada)
SPECIFICATION
ASTM-B221-14 StencilCont
AMS-QQA-200/8 Rev-A

OUR ORDER NUMBER	ITEM
281722	7

PO/Rel 35744
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: 
29Mar17
BL PEC-037688-005

Page 1/2

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6. This product is RoHS-2, REACH, and DFARS compliant.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
9	201621892	1/2/2017	min 42.80 max 46.10	min 39.40 max 42.80	min 12.10 max 19.90
6	201622503	1/5/17	42.80 44.00	39.10 40.60	12.50 15.90

DAS
9-89

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.50" X 6.00" X 144.000"
PART NO.

PO/Ref 35744

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
BL PEC-037688-005
29 Mar 17
Pg 2/2



Service Center Metals

5850 Quality Way
Prince George, VA 23875



OUR ORDER NUMBER	ITEM
281722	7

Can Do.

BILL TO
ThyssenKrupp Materials NA-Concord, ON
SHIP TO
ThyssenKrupp Materials NA-Concord, ON
Quantity Certified 1,524 lbs 36 pcs

MANIFEST NUMBER 319809 **DATE NUMBER** PL0102 **DATE OF SHIPMENT** 1/17/2017 **CERTIFICATION** ASTM-B221-14 StencilCont
CUSTOMER PO PEC-280079 **ALLOY/TEMPER** 6061-T6511 **SALESPERSON** D Schroeder (Canada)
CUSTOMER PART NUMBER PL0102 **DESCRIPTION** PL 500X6.000 **SPECIFICATION** AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6. This product is RoHS-2, REACH, and DFARS compliant.

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	DAS Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others	Total	Melt Source:
2K161210C	201621892	6061	0.64	0.20	0.17	0.07	0.89	0.07	<0.01	0.02	97.93	0.05	0.15		United States of America
2K161210Y	201621892	6061	0.64	0.24	0.21	0.09	0.90	0.07	0.01	0.02	97.83	0.05	0.15		United States of America
2K161228D	201622503	6061	0.63	0.24	0.18	0.10	0.88	0.07	0.04	0.02	97.84	0.05	0.15		United States of America
2K161230C	201622503	6061	0.60	0.21	0.20	0.08	0.87	0.06	0.03	0.02	97.92	0.05	0.15		United States of America
2K161231C	201622503	6061	0.62	0.21	0.22	0.08	0.87	0.07	0.02	0.02	97.90	0.05	0.15		United States of America
2M161113B	201621892	6061	0.62	0.20	0.20	0.08	0.85	0.07	<0.01	0.02	97.96	0.05	0.15		United States of America
2M161208C	201621892	6061	0.63	0.17	0.20	0.08	0.85	0.07	<0.01	0.02	97.98	0.05	0.15		United States of America
2M161230C	201622503	6061	0.60	0.21	0.20	0.08	0.87	0.06	0.03	0.02	97.92	0.05	0.15		United States of America

SCM products are melted and extruded in the USA

Print Date: 1/17/2017

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.750" X 2.00" X 144.0000"

PART NO.

PO/Ref 35744

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: 
BL PEC-037688-006

29Mar17
Pg 1/1



Service Center Metals

5850 Quality Way
Prince George, VA 23875

Can Do.

BILL TO:
ThyssenKrupp Materials NA-Concord, ON
Ship To:
ThyssenKrupp Materials NA-Concord, ON
Quantity Certified 5,080 lbs 240pcs

MANIFEST NUMBER: 324410
DATE NUMBER: RB0115
CUSTOMER NO: PEC-281030
CUSTOMER PART NUMBER: RB0115

ALLOY/TEMPER: 6061-T6511
SALESPERSON: D.Schroeder (Canada)
DESCRIPTION: SCRB .750X2.000

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6. This product is RoHS-2, REACH, and DFARS compliant.

Mechanical Properties

Test	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
9 201702279	2/15/17	min 46.20 max 49.90	min 42.70 max 46.10	min 13.20 max 19.30

9
DAS
9-89

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mo	Cr	Zn	Ti	Al	Each	Others	Total	Melt Source
001K170205C	201702279	6061	0.75	0.37	0.31	0.11	0.89	0.10	0.03	0.02	97.42	0.05	0.15		United States of America
02091701	201702279	6061	0.72	0.37	0.34	0.11	0.86	0.08	0.06	0.02	97.44	0.05	0.15		United States of America
02111702	201702279	6061	0.74	0.40	0.32	0.12	0.89	0.08	0.05	0.02	97.38	0.05	0.15		United States of America

SCM products are melted and extruded in the USA

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER 285784 ITEM 6

CERTIFICATION

ASTM-B221-14 StencilCont
SPECIFICATION
AMS-QQA-200/8 Rev-A

Print Date: 2/28/2017

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
1.00" x 2.00" x 144.0000'
PART NO.

PO/Rel 35744

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



Service Center Metals

5850 Quality Way
Prince George, VA 23875

Can Do.

BILL TO
ThyssenKrupp Materials NA-Concord, ON
SHIP TO
ThyssenKrupp Materials NA-Concord, ON
Quantity Certified 4,626 lbs 162 pcs

MANIFEST NUMBER 324409
CUSTOMER PO PEC-281029
CUSTOMER PART NUMBER MRB0477
DESCRIPTION 6061-T6511
MQRB 1.000x2.000

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6. This product is RoHS-2, REACH, and DFARS compliant.

Mechanical Properties

Test	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation				
12	20170545 201702147	1/18/17 2/13/17	min 48.60 49.10	max 50.80 53.20	min 45.10 45.20	max 47.60 50.30	min 12.80 14.00	max 19.00 18.20	
		DAS 9-89							



OUR ORDER NUMBER	ITEM
285776	11

CERTIFICATION
ASTM-B221-14 Stencil/Cont
SPECIFICATION
AMS-QQA-200/8 Rev-A

Certificate of Mill Test Results
BL PEC-037688-008
29Mar17
Pg 1/1
Print Date: 2/28/2017

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others	Total	Melt Source:
001K170201Y	201702147	6061	0.74	0.38	0.32	0.10	0.90	0.10	0.09	0.03	97.36	0.05	0.15	United States of America	
001K170205Y	201702147	6061	0.74	0.35	0.30	0.10	0.86	0.08	0.04	0.02	97.52	0.05	0.15	United States of America	
001M170205Y	201702147	6061	0.76	0.37	0.29	0.10	0.87	0.08	0.04	0.02	97.46	0.05	0.15	United States of America	

SCM products are melted and extruded in the USA

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
1.250" X 2.00" X 144.0000"
PART NO.



Service Center Metals

5850 Quality Way
Prince George, VA 23875

Can Do.

BILL TO
ThyssenKrupp Materials NA-Concord, ON
SHIP TO
ThyssenKrupp Materials NA-Concord, ON
Quantity Certified 2,495 lbs 70pcs

MANIFEST NUMBER 321901
DATE NUMBER MRB1792
DATE OF SHIPMENT 2/7/2017
CUSTOMER PO PEC-280459
CUSTOMER PART NUMBER MRB1792
DESCRIPTION MRB 1.250X2.000

MADE IN
the U.S.A.
CERTIFICATION
ASTM-B221-14 Stencil/Cont
SALESPERSON D.Schroeder (Canada)
SPECIFICATION AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6. This product is RoHS-2, REACH, and DFARS compliant.

Mechanical Properties

Tests Lot No.

Test Date	Ultimate Tensile Strength (KSI)		Yield Strength (KSI)		Percent Elongation	
	min	max	min	max	min	max
1/30/17	49.30	51.20	45.50	47.40	15.80	19.10

6
201701206
9-39

PO/Ref 35744
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
283658	11

Certificate of Mill Test Results
BL PEC-037688-009
29Mar17
Pg 1/1
Print Date: 2/7/2017

Page 1 of 1

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others	Total	Melt Source:
01211701	201701206	6061	0.74	0.39	0.32	0.10	0.89	0.08	0.06	0.02	97.40	0.05	0.15	United States of America	
01231703	201701206	6061	0.73	0.36	0.30	0.10	0.90	0.08	0.08	0.02	97.43	0.05	0.15	United States of America	

SCM products are melted and extruded in the USA

Calvin J. Winnans, Director of Quality & Technical Services

Rev 2/2/16

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM SQUARE BAR 6061-T6511
4.50" X 48,000 ft
PART NO.



Service Center Metals

5850 Quality Way
Prince George, VA 23875

Can Do.

BILL TO
ThyssenKrupp Materials NA-Concord, ON
SHIP TO
ThyssenKrupp Materials NA-Concord, ON
Quantity Certified
1,152 lbs 4 pcs
CUSTOMER PART NUMBER
MSQ0722

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material meet the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DFARS compliant.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1 (201616843)	DAS 9-89	9/29/16	min 50.40 max 50.40	min 46.20 max 46.20	min 12.55 max 12.55

PO/Ref 35744
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
BL PEC-037688-010
29Mar17
Pg 1/1

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
274068	2

DATE OF SHIPMENT 9/30/2016
CERTIFICATION ASTM-B221-14 Stencil/Cont
MANIFEST NUMBER 309168
CUSTOMER PO PEC-278066
ALLOY/TEMPER 6061-T6511
SALESPERSON D Schroeder (Canada)
DESCRIPTION MSQ0722
SPECIFICATION AMS-QQA-200/8 Rev-A
MQSQ 4.500 + 034/-0

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	II	AL	Each	Others	Total	Melt Source
1K160924B	201616843	6061	0.75	0.37	0.32	0.10	0.88	0.10	0.04	0.02	97.41	0.05	0.15	United States of America	
1M160925C	201616843	6061	0.75	0.37	0.32	0.10	0.88	0.10	0.04	0.02	97.42	0.05	0.15	United States of America	

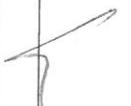
SCM products are melted and extruded in the USA

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 5052-H32
.0640 Nom X 48.0000" X 96.0000"
PART NO.

PO/Ref 35744
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: 

Certificate of Mill Test Results

BL PEC-037688-011

29Mar17
Pg 1/1

浙江巨科铝业股份有限公司 ZHE JIANG GKO ALUMINUM STOCK CO., LTD

产品质 量 证 明 书

MILL CERTIFICATE

Date: 2016-09-28

Invoice No.: GKO-NS160928

Contract No.: GKO-GSS160812

Loading Port: Tianjin, China

Destination: Toronto, Canada

TO:
Global Stainless Steel Inc.
2345 Shunfield Rd. Suite # 203
Mississauga, Ontario L4Y 3Y3, CANADA
Tel: 905-696-0960 Fax: 905-696-8696

Certify to ALL AA Standards: ASTM B309
5052 H32 Certified to AMS QQ A2502, and AMS 4016
3003 H14 Certified to AMS QQ A2502, and AMS 4008

ALL Specifications to Latest Revisions

No.	Description	Alloy/Temp	Specification (mm)	LW No.	N.W. (Kg)	Chemical Composition (%)						Mechanical Properties					
						Al	Si	P	Cu	Min	Max	Cr	Ni	Zn	Ti	F.8	
1	ALUMINUM SHEET	5052-H32	2.256*12.9*2.502	5160910179-A-1	1501	96.9	0.09	0.206	0.002	0.024	2.42	0.204	—	0.007	0.012	225	230
2	ALUMINUM SHEET	5052-H32	2.256*12.9*2.502	5160910179-B-2	1462	96.9	0.09	0.206	0.002	0.025	2.42	0.204	—	0.007	0.012	218	206
3	ALUMINUM SHEET	5052-H32	2.256*12.9*2.504	5160910179-B-1	1443	96.9	0.09	0.206	0.002	0.025	2.42	0.204	—	0.007	0.012	215	206
4	ALUMINUM SHEET	5052-H32	4.826*12.9*2.503.4	5160910235-7	1392	96.9	0.094	0.234	0.004	0.035	2.49	0.193	—	0.006	0.014	239	210
5	ALUMINUM SHEET	5052-H32	4.826*12.9*2.503.4	5160910235-3	1524	96.9	0.094	0.234	0.005	0.035	2.49	0.193	—	0.006	0.014	239	210
6	ALUMINUM SHEET	5052-H32	4.826*12.9*2.503.4	5160910235-2	1526	96.9	0.094	0.234	0.005	0.035	2.49	0.193	—	0.006	0.014	236	210
7	ALUMINUM SHEET	5052-H32	4.826*12.9*2.503.4	5160910235-5	1526	96.9	0.094	0.234	0.005	0.035	2.49	0.193	—	0.006	0.014	236	210
8	ALUMINUM SHEET	5052-H32	4.826*12.9*2.503.4	5160910235-4	1526	96.9	0.094	0.234	0.005	0.035	2.49	0.193	—	0.006	0.014	236	210
9	ALUMINUM SHEET	5052-H32	4.826*12.9*2.503.4	5160910235-6	1526	96.9	0.094	0.234	0.005	0.035	2.49	0.193	—	0.006	0.014	236	210
10	ALUMINUM SHEET	5052-H32	4.826*12.9*2.503.4	5160910235-4	1528	96.9	0.094	0.234	0.005	0.035	2.49	0.193	—	0.006	0.014	220	210
11	ALUMINUM SHEET	5052-H32	1.271*12.9*2.504.9	5160910204-A-2-1	1648	96.9	0.093	0.207	0.006	1.115	0.119	0.002	—	0.008	0.01	168	153
12	ALUMINUM COIL	5052-H32	1.6*12.9*2.5	5160910235-B	4897	96.9	0.09	0.205	0.002	0.025	2.42	0.204	—	0.007	0.012	230	192
13	ALUMINUM COIL	5052-H32	1.6*12.9*2.5	5160910235-A	4936	96.9	0.09	0.205	0.002	0.025	2.42	0.204	—	0.007	0.012	230	192

DAS
9-09
9-09

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 6061 T6
.0640 Nom X 48.0000" X 144.0000"
PART NO.

PO/Ref 35744

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-037688-012

29Mar17

Pg 1/1

Signed by:



西南铝® 产品质量证明书 PRODUCT QUALITY CERTIFICATE

编 号: 00223201609000072
Serial No:

DAS

48

9-89

17/03/30

OLBERT METAL SALES LIMITED																	
订货单位 Customer		OLBERT METAL SALES LIMITED															
合同号 Contract No		140038325 SWA16-1207-07-02		产品名称 Product		淬火板		批号 Lot No		62L6720							
合金状态 Alloy And Temper		6061-T6		规格(mm) Dimension		1.6300 * 1219 * 3658		箱数 Box Count		3							
技术标准 Technique Standard		ASTM B209M-2007				片数 Quantity		241									
化学成分标准 Chemical Composition Standard		ASTM B209M-2007				重量(kg) Weight		4,572.000									
机械性能 Mechanical Property																	
状态 Temper	取样方法 Sampling Method	抗张强度(MPa) Tensile Strength		屈服强度(MPa) Yield Strength		延伸率(%) Elongation											
		标准值 Standard Value	实测值 Actual Value	标准值 Standard Value	实测值 Actual Value	标准值 Standard Value	实测值 Actual Value										
T6	横向	≥290	350-353	≥240	310-313	≥10	14-14.5										
---	---	---	---	---	---	---	---										
弯曲 Curve	---	探伤 Ultrasonic		实际拉伸量 Actual Tension													
化学成分% Chemical Composition																	
熔炼号 Welt No	元素 Element	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al						
		0.40-0.80	≤0.70	0.15-0.40	≤0.15	0.80-1.20	0.04-0.35	---	≤0.25	≤0.15	---						
G214060	实测值 Actual Value	0.71	0.3	0.26	0.03	1.0	0.14	---	0.03	0.02	---						
包覆层厚度(μm) Adhesion		晶粒度 Grain Size		杯突 Cup Bulge		硬度 Hardness		电导率 Conductance									
标准值 Standard Value	实测值 Actual Value	标准值 Standard Value	实测值 Actual Value	标准值 Standard Value	实测值 Actual Value	标准值 Standard Value	实测值 Actual Value	标准值 Standard Value	实测值 Actual Value	标准值 Standard Value	实测值 Actual Value						
---	---	---	---	---	---	---	---	---	---	---	---						
高倍 Microstructure		合格 Macrostructure		低倍 Macrostructure		氢含量(ml/100gAl) Hydrogen Content		标准值 Standard Value									
表面质量 Surface Control		合格 Dimension Control		几何尺寸 Dimension Control		实测值 Actual Value		---									
备注 Note																	

质量、环境、职业健康安全分别通过ISO9001、AS9100、ISO14001、GB/T28001管理体系认证。

声明: 本产品符合订货标准和合同要求。

Quality, Environment and Professional Health & Safety Management System have Certified as per ISO 9001, AS9100, ISO14001 and GB/T28001.

Statement: The product conform to the requirements of order standard and contract.

检查员: YY-TUYH
Inspector

日期:
Date



防伪码4008155888或登陆
www.swa.com.cn查询真伪
SWA 2150402161556

SOUTHWEST ALUMINUM (GROUP) CO., LTD.
地址: 中国重庆 青羊 Address: Xibei Town, ChongQing City, China 电话: TEL: (008623) 65806666

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.125" x .750" X 240.0000"
PART NO.

PO/Rel 35744

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-037688-007

29Mar17

Pg 1/1

Signed by: 

Ann:



Material Test Report

Manifest: 316387

Ship To: ThyssenKrupp Materials NA
2821 Langstaff Road
Concord, ON L4K 5C6

Ticket:
5506879

Our Order: **429847-4** Cust P.O.: **278787**
Die: **ES05485** Part: **05485-000-240**
Alloy Temper: **6061 T6511** Description: **.125 x .750**
Print Date: **10/27/16**

Chemical Composition Range

6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other Each	Other Total
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

Mechanical Properties

Strength ksi

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
424907	3B4184	A11	10/27/16	46.69	42.47	13.6

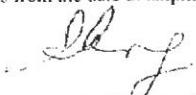
Applicable Specifications: **ASTM B221-14** **AMS-QQ-A200/8A**

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with
Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be
incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within
agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Siddharth Desai - Tensile Testing

Authorized:


Evan Eng, Quality Assurance Manager

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 304L

1.00" DIA X 144.0000"
PART NO.



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3

METALLURGICAL TEST REPORT

PO/Ref 35744

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: _____
BL PEC-037683-002
29Mar17
Pg 1/1

Attn: _____

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4X5C6

Date: 2/07/2017 Page: 1

Steel: 304/304L

Finish: CD

Corrosion: ASTM A262-10 PRACT A/R OK

Red Ratio: 69.4 :1

Your order: PEC280990
NAS order: IN 0242859 01
PRODUCT DESCRIPTION:
Round Bar, Annealed, Cold Drawn
UNS-30400/310403 EN 10204 3.1, ASTM A484/15
ASME SA276/16, ASTM A479/15, ASTM A182/13 CHEM ONLY,
ASME SA179/13, ASME SA182/10 CHEM ONLY,
AMS 5639H, AMS 5647J, AMS QQS-763D, QQS-763R, ASTM F899/11
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8
ASTM A193/10A-ASME SA193/10 CL 1 GR B8

REMARKS:

COMPLIES W/ REQUIREMENTS OF DFAR 252.215-7009 EU DIRECTIVE
2011/65/EU-ROHS, EAF+AOD+CC, NO WELD REPAIR, MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BI4682 7		1.0000		1.208	144.00	2	1	

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/14a

Chemical Analysis	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
NAS Heat 257E	US	.0171	.1820	18.0440	.4285	1.4280	.3450	.0754	8.5295	.0295
		9.39								
		9 %	SI %							
		.0235	.2245							

M E C H A N I C A L P R O P E R T I E S

Product Id	1.0000	HB No.	.2YS KSI	UTS KSI	RA %	Elng % 4D
BI4682 7	R.L	203.0	79.32	107.85	62.05	41.27

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy
of the test methods used, the material meets the specifications stated. These results relate only to the items
tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M661TCB4.500X4,500
 DATE: 17-04-03

PO / BATCH NO.: PC35744/M137175

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 4
 QUANTITY INSPECTED: 4
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 4,5¹¹
 THICKNESS RECEIVED: 4,517¹¹
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>(N)</u>	
CORRECT FINISH	<u>Y</u> N	
CORROSION	Y <u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>Y</u> N	
CORRECT MATERIAL	<u>Y</u> N	
CORRECT THICKNESS	<u>Y</u> N	
PHOTO REQUIRED	Y <u>(N)</u>	
CORRECT MATERIAL	<u>Y</u> N	<u>ASTM B221</u>
CORRECT REF # TO LINK CERT	<u>Y</u> N	<u>HT#201616843</u>
CORRECT MATERIAL IDENTIFICATION	<u>Y</u> N	
CORRECT M# ON THE MATERIAL	<u>Y</u> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9-00</u> <u>CB</u>	SIGNED OFF BY: _____
DATE: <u>17-04-03</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606176B2.000X1.250
 DATE: 17-04-03

PO / BATCH NO.: PO 35744/MB7175

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 34'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 8

THICKNESS ORDERED: 1.250"
 THICKNESS RECEIVED: 1.253"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>N</u>	
CORRECT FINISH	<u>Y</u> N	
CORROSION	Y <u>N</u>	
CORRECT GRAIN DIRECTION	<u>Y</u> N	
CORRECT MATERIAL	<u>Y</u> N	
CORRECT THICKNESS	<u>Y</u> N	
PHOTO REQUIRED	Y <u>N</u>	
CORRECT MATERIAL	<u>Y</u> N	<u>ASTM B221</u>
CORRECT REF # TO LINK CERT	<u>Y</u> N	<u>HT#201701206</u>
CORRECT MATERIAL IDENTIFICATION	<u>Y</u> N	
CORRECT M# ON THE MATERIAL	<u>Y</u> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u>	SIGNED OFF BY: _____
DATE: <u>17-04-03</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061+6B 1,000X2,000
 DATE: 17-04-03

PO / BATCH NO.: P035744/M137175

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"
 THICKNESS RECEIVED: 1.009"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>N</u>	
CORRECT FINISH	<u>Y</u> N	
CORROSION	Y <u>N</u>	
CORRECT GRAIN DIRECTION	<u>Y</u> N	
CORRECT MATERIAL	<u>Y</u> N	
CORRECT THICKNESS	<u>Y</u> N	
PHOTO REQUIRED	Y <u>N</u>	
CORRECT MATERIAL	<u>Y</u> N	<i>ASTM B221</i>
CORRECT REF # TO LINK CERT	<u>Y</u> N	<i>HT #201702147</i>
CORRECT MATERIAL IDENTIFICATION	<u>Y</u> N	
CORRECT M# ON THE MATERIAL	<u>Y</u> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u>	SIGNED OFF BY: _____
DATE: <u>17-04-03</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061 T6 600.500x6.000 PO / BATCH NO.: PO36744/M137175
 DATE: 17-04-03

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12
 QUANTITY INSPECTED: 12
 QUANTITY REJECTED: _____

THICKNESS ORDERED: .500"
 THICKNESS RECEIVED: .505"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT THICKNESS	Y <input checked="" type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	<u>ASMB221</u>
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N <input type="radio"/>	<u>HT#201622503</u>
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u>	SIGNED OFF BY: _____
DATE: <u>17-04-03</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304R 0.750
 DATE: 17-04-03

PO / BATCH NO.: P035744/M137175

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 24
 QUANTITY INSPECTED: 24
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750
 THICKNESS RECEIVED: .749
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<i>ASTM A276</i>
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<i>H#749M</i>
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>CB</u>	SIGNED OFF BY: _____
DATE: <u>17-04-03</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304R 1.000
 DATE: 17-04-03

PO / BATCH NO.: P035744/M137175

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 12
 QUANTITY INSPECTED: 12
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"
 THICKNESS RECEIVED: .999"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> <input type="radio"/> N	<i>ASTM A376</i>
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> <input type="radio"/> N	<i>HT#257E</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>CB</u> <u>030</u> DATE: <u>17-04-03</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304R0.375
 DATE: 17-04-03

PO / BATCH NO.: P035744/M132175

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .375"
 THICKNESS RECEIVED: .373"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	ASIM A276/16
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	H#313E
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9</u> <u>OB</u>	SIGNED OFF BY: _____
DATE: <u>17-03-03</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M137175-01e3
 DATE: 17/03/30

PO / BATCH NO.: PO 35744 / 137175

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 96
 QUANTITY INSPECTED: 96
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .01e3
 THICKNESS RECEIVED: _____
 SHEET SIZE ORDERED: 4x12
 SHEET SIZE RECEIVED: 4x12

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	<u>005 6061 T6</u>
CORRECT THICKNESS	Y <input checked="" type="radio"/> N <input type="radio"/>	<u>.01e3</u>
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	<u>ASTM B209</u>
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N <input type="radio"/>	<u>Heat # GRL6720</u>
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N <input type="radio"/>	<u>M137175-01e3</u>
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	<u>M137175</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	
			<u>11</u>	<u>1A</u>	

testers located in the Quality Office

QC 18 INSPECTION	48	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>2-89</u>		SIGNED OFF BY: _____
DATE: <u>17/03/30</u>		DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S16GA
 DATE: 17/03/30

PO / BATCH NO: PO 35744/137175

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 40
 QUANTITY INSPECTED: 40
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .063
 THICKNESS RECEIVED: .058
 SHEET SIZE ORDERED: 4x10
 SHEET SIZE RECEIVED: 4x10

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL	Y	N	ASTM A240
CORRECT THICKNESS	Y	N	ASTM A240 .058
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	Y	N	304
CORRECT REF # TO LINK CERT	Y	N	Heat # Y7VS
CORRECT MATERIAL IDENTIFICATION	Y	N	M304S16GA
CORRECT M# ON THE MATERIAL	Y	N	M137175
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	DAS	ENGINEERING SIGNOFF (if required)
	48	
INSPECTED BY:	9-89	SIGNED OFF BY:
DATE:	17/03/30	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M5052H325.063
 DATE: 17-04-03

PO / BATCH NO.: PO35744/M137125

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 32 SFT
 QUANTITY INSPECTED: 32 SFT
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.63"
 THICKNESS RECEIVED: 0.60"
 SHEET SIZE ORDERED: 4X8'
 SHEET SIZE RECEIVED: 4X8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL <u>SPCS</u>	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Q94250-8</u>
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>5160910177</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>9</u> <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>17-04-03</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6 B00750X00.125
 DATE: 17-04-03

PO / BATCH NO.: P035744/M137175

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 20
 QUANTITY INSPECTED: 20
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .125
 THICKNESS RECEIVED: .125
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	ASTM B721
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	HT#429847
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9</u> DATE: <u>17-04-03</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B3.750X2.000 PO / BATCH NO.: 1035744/M137175
 DATE: 17-04-03

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 12
 QUANTITY INSPECTED: 12
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750"
 THICKNESS RECEIVED: .750"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>N</u>	
CORRECT FINISH	Y <u>N</u>	
CORROSION	Y <u>N</u>	
CORRECT GRAIN DIRECTION	Y <u>N</u>	
CORRECT MATERIAL	Y <u>N</u>	
CORRECT THICKNESS	Y <u>N</u>	
PHOTO REQUIRED	Y <u>N</u>	
CORRECT MATERIAL	Y <u>N</u>	ASTM B221
CORRECT REF # TO LINK CERT	Y <u>N</u>	HT #201702279
CORRECT MATERIAL IDENTIFICATION	Y <u>N</u>	
CORRECT M# ON THE MATERIAL	Y <u>N</u>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9-89</u> <u>CB</u>	SIGNED OFF BY: _____
DATE: <u>17-04-03</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35744**

Purchase Order Date 3/27/2017
PO Print Date 3/27/2017

Page Number 1 of 7

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
MAR 27 2017

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
			Promise Date				
1	M304B0.625X3.000	304 BAR .625 X 3.00	3/31/2017 Yes 3/31/2017		12.13 f	\$23.88	\$289.50

MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

2	M304R0.375	304 ROUND BAR 0.375	3/31/2017 Yes 3/31/2017	24.00 f	\$2.35	\$56.40
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MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

Line Total: \$289.50

Line Total: \$56.40

PO Instructions: QUOTATION NO, PEC ST-31348, PEC ST-32561

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35744**

Purchase Order Date 3/27/2017

PO Print Date 3/27/2017

Page Number 2 of 7

Order From :

VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

3	M304R1.000	304 round bar 1.00	3/31/2017	12.00	\$8.25	\$99.00
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DAS
9
MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

4	M304RO.750	304 SS Roundbar .750	3/31/2017	24.00	\$5.29	\$126.92
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DAS
9
MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

5	M304S16GA	304/316 Sheet .063	3/31/2017	40.00	\$5.38	\$215.00
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PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION: MIL-S-5059

OR AMS 5513 (304)

OR AMS-5524 (316)

OR ASSTMA240

OR ASME SA240

PO Instructions: QUOTATION NO, PEC ST-31348, PEC ST-32561

Note:

SP170329



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35744**

Purchase Order Date 3/27/2017
PO Print Date 3/27/2017

Page Number 3 of 7

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

6	M6061T6B0.500X06.000	6061-T6 Bar .500 x 6.00	3/31/2017	12.00	Line Total: \$215.00	
			Yes	f		\$9.95
			3/31/2017			\$119.40
7	M6061T6B0.750X02.000	6061-T6 Bar .750 x 2.00	3/31/2017	12.00	Line Total: \$119.40	
			Yes	f		\$6.42
			3/31/2017			\$77.00

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

PO Instructions: QUOTATION NO, PEC ST-31348, PEC ST-32561

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35744

Purchase Order Date 3/27/2017

PO Print Date 3/27/2017

Page Number 5 of 7

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name _____
Vendor Phone 905 669 9444

Buyer Chantal Lavoie

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S T
Ship Acct:

Buyer	Chantal La
Customer POID	
Customer Tax #	10127-260
Terms	Net 30
Currency	CAD
FOB	FCA - (Fre

11	M6061T6B4.500X4.500	6061-T6 Aluminum Bar 4.500" X 4.500"	3/31/2017	4.00	\$75.75	\$303.00
	DAS		No	f		
	9		3/31/2017			
	9.00					
MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR						
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116						
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR						
ASTM B221						
12	M5052H32S.063	5052-H32 .063 Sheet	3/31/2017	32.00	\$2.97	\$95.00
			Yes	sf		
			3/31/2017			
					Line Total:	\$303.00

DAS MATERIAL: 5052-H32 ALUMINUM SHEET AS PER
9 QQ-A-250/8 OR AMS-QQ-A-250/8 OR AMS 4016 OR ASTM B209
a-89

13-29.

PO Instructions: QUOTATION NO, PEC ST-31348, PEC ST-32561

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35744**

Purchase Order Date 3/27/2017

PO Print Date 3/27/2017

Page Number 6 of 7

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name		Buyer	Chantal Lavoie		
Vendor Phone	905 669 9444	Customer POID	10127-2607		
Ship To Contact		Customer Tax #	Net 30		
Ship To Phone		Terms	CAD		
Ship Via:	VENDOR'S TRUCK	Currency	FCA - (Free Carrier)		
Ship Acct:		FOB			
13 M6061T6S.063	6061-T6 .063 Sheet	3/31/2017	96.00	\$3.40	\$326.80
		Yes	sf		
		3/31/2017			
9 MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209					
<i>SP/17-03-29</i>					
				Line Total:	\$326.80
14 M2024T3S.040	2024-T3 .040 sheet	3/31/2017	96.00	\$5.47	\$525.00
		Yes	sf		
		3/31/2017			
MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209					
				Line Total:	\$525.00

PO Instructions: QUOTATION NO, PEC ST-31348, PEC ST-32561

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
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Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35744**

Purchase Order Date 3/27/2017

PO Print Date 3/27/2017

Page Number 7 of 7

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)
15 71401-45	PROCUREMENT QUALITY CLAUSES	3/31/2017	1.00
		No	\$0.00
		3/31/2017	\$0.00
Procurement Quality Clauses			
A005 right of entry			
A012 chemical and physical test report			
A016 personnel qualification			
A017 raw material identification (as applicable)			
A026 certification of material conformance			
A041 quality management system			
A042 dart notification by supplier			
A043 retension of quality documents			

Line Total: \$0.00

PO Total: \$2,554.42

PO Instructions: QUOTATION NO, PEC ST-31348, PEC ST-32561

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 3/27/2017